BRUHATH BANGALORE MAHANAGARA PALIKE,
DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division

Modified Schedule - B

BBMP/2021-22/OW/WORK- INDENT50537

NAME OF WORK:Modified Estimate for Desilting and resetting of drain and re asphalting Soap factory layout in Bagalagunte, ward no.14, Dasarahalli Sub Division

Sl. No	Description of work	Unit	Qty	Approved Rates	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	Cum	355.58	280.79	Rupees Two Hundred Eighty and Seventy Nine Paise Only
	above 125%		144.77	280.79	Rupees Two Hundred Eighty and Seventy Nine Paise Only
2	Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	41.25	5408.12	Rupees Five Thousand Four Hundred Eight and Twelve Paise Only
	above 125%		8.58	5408.12	Rupees Five Thousand Four Hundred Eight and Twelve Paise Only

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Sl. No	Description of work	Unit	Qty	Approved Rates	
				In Figures (Rs.)	In Words
3	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications.	Sqm	362.40	379.48	Rupees T Hundre Seventy N and Fort Eight Pais Only
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	78.75	5998.54	Rupees Fi Thousand Nine Hundr Ninety Eigh and Fifty Fou Paise Only
	above 125%		25.44	5998.54	Rupees Five Thousand Nine Hundred Ninety Eight and Fifty Four Paise Only
5	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications	Tonne	4.73	92662.02	Rupees Ninety Two Thousand Six Hundred Sixty Two and Two Paise Only

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				In Figures (Rs.)	In Words (Rs.)
	above 125%		1.53	92662.02	Rupees Ninety Two Thousand Six Hundred Sixty Two and Two Paise Only
6	Providing and and fixing Precast Concrete slab 10 CM thick witth all lead and lift as per specification	Sqm	225.00	2337.00	Rupees Two Thousand Three Hundred Thirty Seven Only
	above 125%		46.80	2337.00	Rupees Two Thousand Three Hundred Thirty Seven Only
7	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3	Sqm	922.50	6.36	Rupees Six and Thirty Six Paise Only
8	Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications	Cum	168.98	2500.00	Rupees Two Thousand Five Hundred Only
9	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sqm	922.50	32.62	Rupees Thirty Two and Sixty Two Paise Only

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Sl. No	Description of work	Unit	Qty	Approved Rate	
				In Figures (Rs.)	In Words
10	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	1507.00	6.36	Rupees and Thirty Paise Only
11	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5	Sqm	1889.50	12.72	Rupees Twelve and Seventy Two Paise Only
12	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	43.65	9500.00	Rupees Nine Thousand Five Hundred Only
13	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 complete in all respects complete as per specifications. - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % CRMB 55	Cum	66.05	12000.00	Rupees Twelve Thousand Only
	above 125%		9.53	12000.00	Rupees Twelve Thousand Only

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	Description of work	Unit	Qty	Approved Rates	
				In Figures (Rs.)	In Words (Rs.)
1.6	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface - Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm inclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications MORTH specifications	Sqm	70.20	500.00	Rupees Five Hundred Only

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